Tektronix

THS710A, THS720A,
THS730A & THS720P
TekScope ™
Reference

070-9741-00

23 March 95

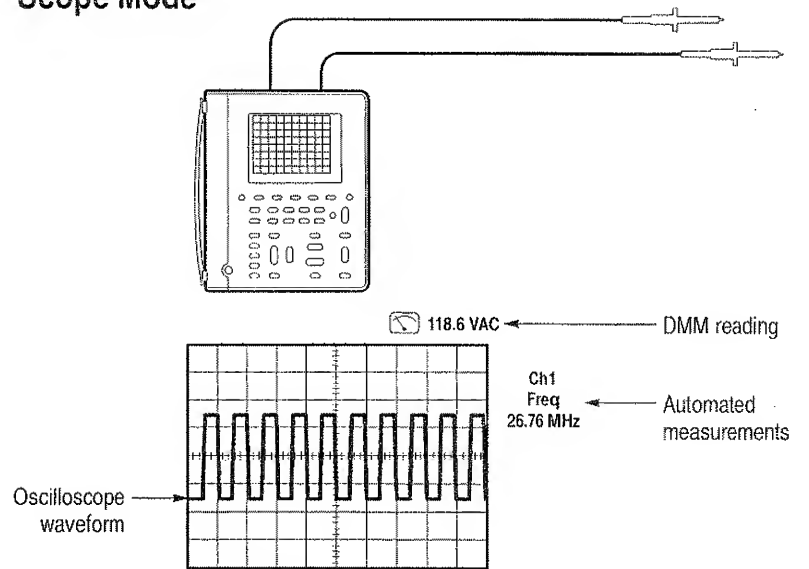# Getting Started

1 Connect probes or leads.   **2** Choose **SCOPE** or **METER** mode.   **3** Press **AUTORANGE**.

⌐⌐ Scope Mode

118.6 VAC ◄———— DMM reading

Ch1
Freq
26.76 MHz ◄——— Automated
measurements

Oscilloscope ———►
waveform

⌐ Meter Mode

DMM reading ——► **118.6** VAC

Maximum statistic

Data Logger ———►
plot

Current reading

Minimum statistic

Bar graph
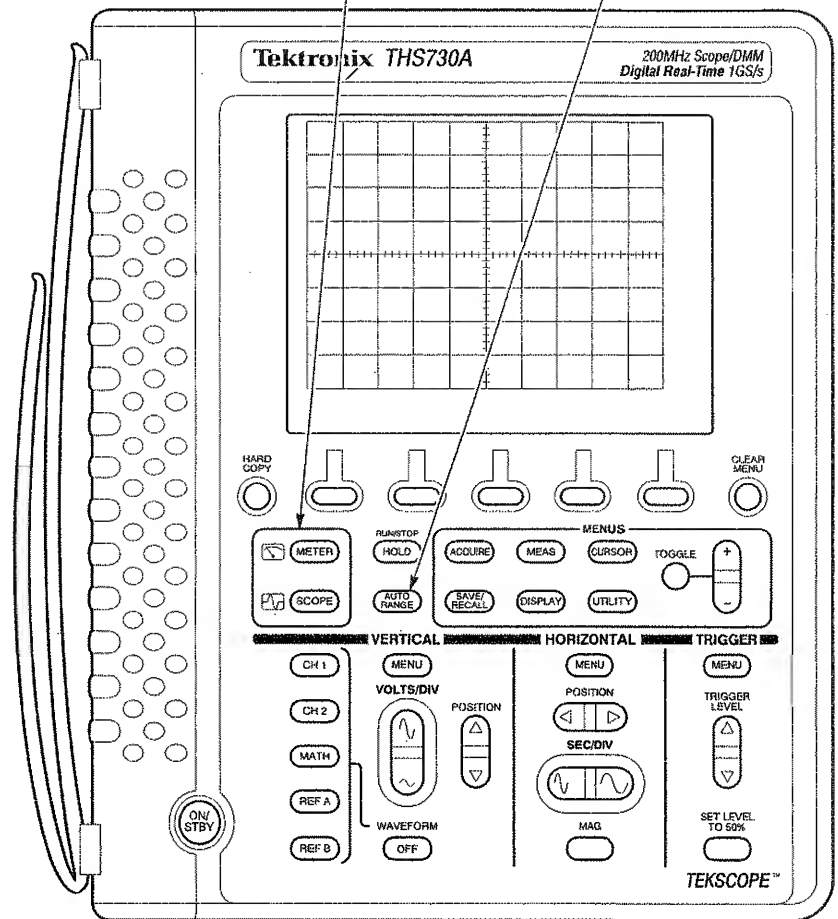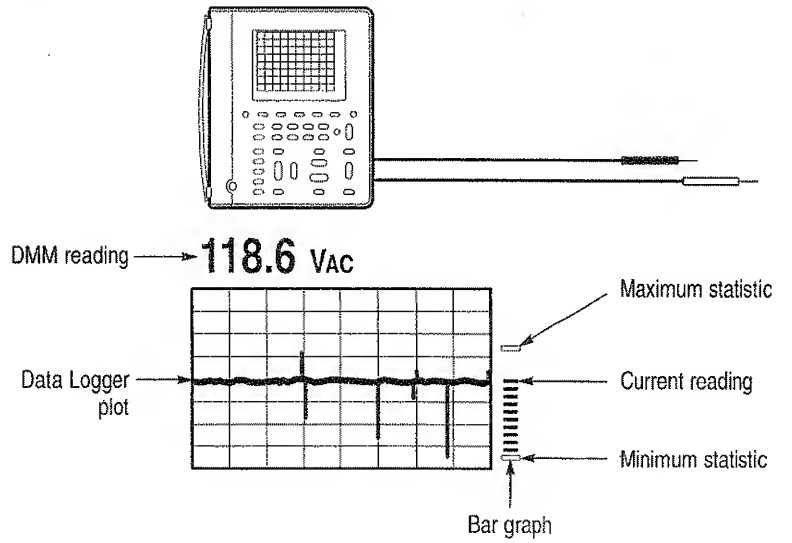
⊓⊔ Trigger Type

1 Press
TRIGGER MENU.

■■ **TRIGGER** ■■
(MENU)

2 Choose a trigger type.

Edge
Pulse
Video
Motor

Trig Type
Pulse

3 Adjust the
TRIGGER LEVEL.
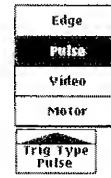
TRIGGER
LEVEL
△
▽

	Edge or Motor		Pulse		Video
Source	Choose Ch 1 or Ch 2 or External (Edge)	**Source**	Choose Ch 1 or Ch 2	**Source**	Choose Ch 1 or Ch 2
Coupling (Ch 1 or Ch 2)	DC DC HF Reject LF Reject Noise Rej (DC Low Sensitivity)	**Polarity & width**	Positive [1] Negative [1] [1] Set pulse width with +/− rocker	**Trigger on**	Odd Field [3] (Interlaced) Even Field [3] (Interlaced) } Any line Any Field [3] (Non-interlaced) Lines [3] Choose line with +/− rocker
Slope	Positive Negative	**Trigger when**	Less Than Width Greater Than Width Equal To Width [2] Not Equal To Width [2] [2] Set tolerance	**Scan rate**	15 kHz to 20 kHz 20 kHz to 25 kHz 25 kHz to 35 kHz 35 kHz to 50 kHz 50 kHz to 65 kHz

1 Choose a DMM function.

| V$\tilde{}$AC | V$\overline{}$DC | Ω |))) | ▶▌ |

2 Press **AUTORANGE** or set a specific range.
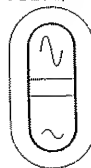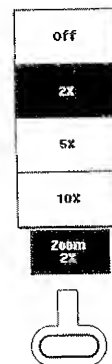
AUTO
RANGE

VOLTS/DIV
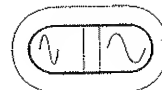
3 Set the Data Logger rate.

SEC/DIV

4 To select a Data Logger zoom factor, press **VERTICAL MENU** and then choose a zoom factor.

■ VERTICAL ■

MENU

| off |
| 2X |
| 5X |
| 10X |
| Zoom 2X |

Front-Panel Buttons
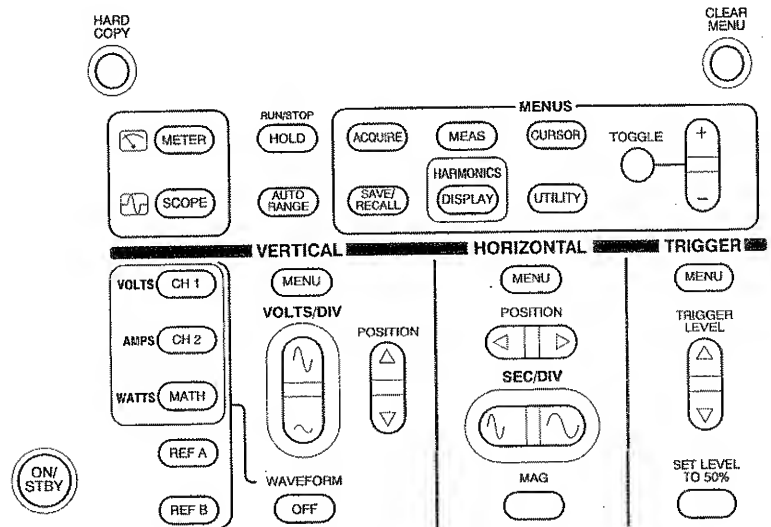
ACQUIRE. Displays the Acquire menu.

AUTORANGE. Selects oscilloscope or meter Autorange function.

CH 1 and **CH 2.** Displays and selects a channel waveform.

CLEAR MENU. Clears menu from display.

CURSOR. Displays the Cursor menu.

DISPLAY. Displays the Display menu and activates Harmonics (THS720P).

HARD COPY. Initiates a hard copy using the RS-232 port.

HOLD. Stops/restarts oscilloscope acquisition or holds/resets meter readout.

HORIZONTAL MENU. Displays the Horizontal menu.

HORIZONTAL POSITION. Adjusts oscilloscope waveform horizontal position.

MAG. Turns 10X horizontal magnification on and off.

MATH. Displays and selects the math waveform.

MEAS. Displays the Measurement menu.

METER. Selects meter mode.

ON/STBY. Selects on or standby. Does not disconnect power from the instrument.

REF A and **REF B.** Displays and selects a reference waveform.

SAVE/RECALL. Displays the Save/Recall menu.

SCOPE. Selects scope mode.

SEC/DIV. Adjusts horizontal scale factor for oscilloscope or data logger.

SET LEVEL TO 50%. Sets trigger level to midpoint of oscilloscope waveform.

TOGGLE and **+/−** Rocker. Select and move cursors. Adjust numerical values.

TRIGGER LEVEL. Adjusts trigger level.

TRIGGER MENU. Displays the Trigger menu.

UTILITY. Displays the Utility menu.

VERTICAL MENU. Displays the Vertical menu.

VERTICAL POSITION. Adjusts oscilloscope waveform or data logger vertical position.

VOLTS/DIV. Adjusts oscilloscope vertical scale factor or meter range.

WAVEFORM OFF. Removes selected oscilloscope waveform from display.